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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 19603/461 (CRF D-1595A)	SERIAL NO. 08/794,851
	APPLICANT Barany et al.	
	FILING DATE February 4, 1997	GROUP ART UNIT 1648

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
<i>JS</i>	1	5,695,934	12/09/97	Brenner			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	2	Pease et al., "Light-Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis," <u>Proc. Natl. Acad. Sci. USA</u> , 91:5022-5026 (1994)
	3	Beattie et al., "Advances in Genosensor Research," <u>Clin. Chem.</u> , 41(5):700-706 (1995)
	4	Cronin et al., "Cystic Fibrosis Mutation Detection by Hybridization to Light-Generated DNA Probe Arrays," <u>Human Mutation</u> , 7:244-255 (1996)
	5	Milner et al., "Selecting Effective Antisense Reagents on Combinatorial Oligonucleotide Arrays," <u>Nature Biotechnology</u> , 15:537-541 (1997)
	6	Wang et al., "Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome," <u>Science</u> , 280:1077-1082 (1998)
	7	Southern, E.M., "DNA Chips: Analysing Sequence by Hybridization to Oligonucleotides on a Large Scale," <u>TIG</u> , 12(3):110-115 (1996)
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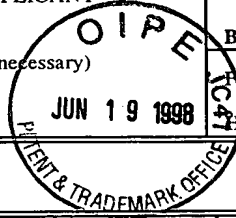
Barany et al.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BM</i>	1	5,143,854	9/1/1992	Pirrung et al.			
	2	5,202,231	4/13/1993	Drmanac et al.			
	3	5,258,506	11/2/1993	Urdea et al.			
	4	5,288,468	2/22/1994	Church et al.			
	5	5,371,241	12/6/1994	Brush et al.			
	6	5,424,186	6/13/1995	Fodor et al.			
<i>BM</i>	7	5,278,298	1/11/1994	Chakraborty et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
	8	WO 89/10977	16-NOV-89	Europe			
	9	WO 90/15070	13-DEC-90	Europe			
	10	WO 92/10588	25-JUN-92	Europe			
	11	WO 92/16655	1-OCT-92	PCT			
	12	EP 0 601 714 A1	15-JUN-94	Europe			
	13	WO 93/17126	2-SEPT-93	Europe			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	14	Day et al., "Detection of Steroid 21-Hydroxylase Alleles Using Gene-Specific PCR and a Multiplexed Ligation Detection Reaction," <i>Genomics</i> , 29:152-162 (1995)
	15	Grossman et al., "High-Density Multiplex Detection of Nucleic Acid Sequences: Oligonucleotide Ligation Assay and Sequence-Coded Separation," <i>Nucleic Acids Research</i> , 22(21):4527-4534 (1994)
	16	Jin et al., "Alternating Current Impedance Characterization of the Structure of Alkylsiloxane Self-Assembled Monolayers on Silicon," <i>Langmuir</i> , 10:2662-2671 (1994)
	17	Cheng et al., "In Situ Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy of Carboxylate-Bearing, Siloxane-Anchored, Self-Assembled Monolayers: A Study of Carboxylate Reactivity and Acid-Base Properties," <i>Langmuir</i> , 11:1190-1195 (1995)
	18	Kim et al., "Polymeric Self-Assembled Monolayers. 2. Synthesis and Characterization of Self-Assembled Polydiacetylene Mono- and Multilayers," <i>J. Am. Chem. Soc.</i> , 117:3963-3967 (1995)

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<i>JS</i>	19	5,290,925	3/1/1994	Fino			
	20	5,324,633	6/28/1994	Fodor et al.			
	21	5,352,582	10/4/1994	Lichtenwalter et al.			
	22	5,405,783	4/11/1995	Pirrung et al.			
<i>JS</i>	23	5,470,705	11/28/1995	Grossman et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO IF APPRO- PRIATE
	24	WO 93/20236	14-OCT-93	Europe			
	25	WO 94/17210	4-AUG-94	Europe			
	26	WO 94/17206	4-AUG-94	Europe			
	27	WO 94/11530	26-MAY-94	Europe			
	28	WO 94/09022	28-APR-94	Europe			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	29	Lauer et al., "Cloning, Nucleotide Sequence, and Engineered Expression of <i>Thermus thermophilus</i> DNA Ligase, a Homolog of <i>Escherichia coli</i> DNA Ligase," <i>Journal of Bacteriology</i> , 173(16):5047-5053 (1991)
	30	Barany et al., "Cloning, Overexpression and Nucleotide Sequence of a Thermostable DNA Ligase-Encoding Gene," <i>Gene</i> , 109:1-11 (1991)
	31	Jou et al., "Deletion Detection in the Dystrophin Gene by Multiplex Gap Ligase Chain Reaction and Immunochromatographic Strip Technology," <i>Human Mutation</i> , 5:86-93 (1995)
	32	Chan et al., "Polymeric Self-Assembled Monolayers. 3. Pattern Transfer by Use of Photolithography, Electrochemical Methods, and an Ultrathin, Self-Assembled Diacetylenic Resist," <i>J. Am. Chem. Soc.</i> , 117:5875-5976 (1995)
	33	Munkholm et al., "Polymer Modification of Fiber Optic Chemical Sensors as a Method of Enhancing Fluorescence Signal for pH Measurement," <i>Anal. Chem.</i> 58:1427-1430 (1986)

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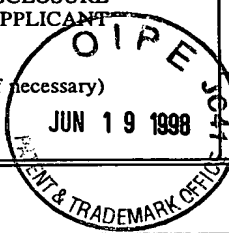
Barany et al.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
<i>gmk</i>	34	5,494,810	2/27/1996	Barany et al.			

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	35	Graham et al., "Gene Probe Assays on a Fibre-Optic Evanescent Wave Biosensor," Biosensors & Bioelectronics, 7:487-493 (1992)
	36	Chetverin et al., "Sequencing of Pools of Nucleic Acids on Oligonucleotide Arrays," BioSystems, 30:215-231 (1993)
	37	Pease et al., "Light-Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis," Proc. Natl. Acad. Sci. USA, 91:5022-5026 (1994)
	38	Beattie et al., "Advances in Genosensor Research," Clin. Chem., 41(5) 700-706 (1995)
	39	Bains, W., "Mixed Hybridization and Conventional Strategies for DNA Sequencing," Gata, 10(3-4):84-94 (1993)
	40	Kuznetsova et al., "DNA Sequencing by Hybridization with Oligonucleotides Immobilized in a Gel," Mol. Biol. (Mosk) (Russia), 28(2):290-299

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<i>Jan</i>	1	5,744,305	04/28/98	Fodor et al.		

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